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SOUNDINGS IN FEET

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

20th Anniversary 1970–1990
National Oceanic and Atmospheric Administration
"Serving The Nation"
John A. Knauss, Administrator

CAUTION
CHANGES in PUDYAGE
Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and colored lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

Formerly C&GS 517, 16 Ed., Jan. 1961; Cl 1964 4/19; KADB 76

JOINS CHART 11343

PORT NECHES

NECHES RIVER

UNITED STATES - GULF COAST

LOUISIANA - TEXAS

SABINE PASS AND LAKE

Mercator Projection
Scale 1:40,000 at Lat. 29°48'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

NOTE S
Regulations for ocean dumping sites are contained in 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from the Environmental Protection Agency (EPA). See U.S. Coast Pilots appendix for addresses of EPA offices.

SCALE 1:40,000
Nautical Miles
Yards
Meters

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.7"56" northward and 0.60" westward to agree with this chart.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

CAUTION
Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
⊙(Accurate location) ○(Approximate location)

NOTE C
NECHES RIVER
The Project depth is 40 feet to Beaumont. For controlling depths see chart 11343.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 5 for important supplemental information.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Lake Charles, LA	KHB-42	162.40 MHz
Beaumont, TX	WXK-28	162.475 MHz

PLANE COORDINATE GRID
(based on NAD 1927)
Texas State Grid, south central zone, is indicated by dashed ticks at 10,000 foot intervals.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 8th Coast Guard District in New Orleans, La., or at the Office of the District Engineer, Corps of Engineers in Galveston, TX. Refer to charted regulation section numbers.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

NOTE D
GAS AND OIL WELL STRUCTURES
Numerous uncharted gas and oil well structures, pipes, piles, and stakes, some submerged, exist within Sabine Lake.

INTRACOASTAL WATERWAY
The project depth is 12 feet from New Orleans, La., to Aransas Pass, Texas.
The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

TIDAL INFORMATION

Place	Height referred to datum of Soundings (MLLW)				
Name	(LAT/LONG)	Time Difference High Water	Time Difference Low Water	Mean Range	Extreme Low Water
		Time	Time		
Sabine Pass	29°43'/93°52'	1:19	1:14	feet 1.2	feet -2.5

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1)

Aids to navigation (lights unless otherwise indicated):
ABBO (orthogonal)
Al (Alternating)
B (black)
(bn, bkgnd)
C (red)
Dph (Diaphone)
E (red, obscured)
F (green)
Fl (flashing)
G (yellow)
Gp Fl (group flashing)
Iso (Isophase)
Mo (A) (Morse code)
Oc (occulting)
Q (quick)
R (red)
RACON (radar beacon)
Vi (violet)
W (white)
Y (yellow)

Abbreviations:
Bch (beach)
Bk (bank)
Bkwtr (breakwater)
Bn (beacon)
Bu (buoy)
Cap (capstone)
Cem (cement)
Chan (channel)
Cn (can)
Co (Company)
Conc (concrete)
Cu ft (cubic feet)
Cy (cylinder)
D (diameter)
Dk (dock)
Dn (dolphin)
Dr (dredged)
Dsm (dismantled)
Elec (electric)
Fish pk (fish haven)
Fl (flood)
Fog det sig (fog detector signal)
Fy (ferry)
Grad (gradient)
Gy (gravity)
Hbr (harbor)
Hor (horizontal)
Ice (ice)
Ind (Indian)
Intens (intensified)
Iso (isophase)
Jct (junction)
Lat (latitude)
Long (longitude)
Mag (magnetic)
Mkd (marked)
Mon (monument)
Obscd (obscured)
Obstr (obstruction)
Occas (occasional)
Or (orange)
Pass (passage)
Pch (patch)
Pil (pile)
Pipe (pipeline)
Pos (position)
Pt (point)
Qtr (quarter)
Rec (recommended)
Rep (reported)
Rf (reef)
Rk (rock)
Sh (shoal)
Sig (signal)
Sp (spire)
Str (structure)
Sub (submerged)
Sy (survey)
Tel (telephone)
Tr (tower)
Vert (vertical)
Wh (whistle)
Wk (wreck)
Yd (yard)

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with controlling data from the Corps of Engineers, Galveston District and U.S. Coast Guard.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

LOGARITHMIC SPEED SCALE
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing dividers spread, place right point on 60 and left point will then indicate speed in units per hour. Example with 6.8 nautical miles run in 12 minutes, the speed is 16.3 knots.

CAUTION
SUBMARINE PIPELINES AND CABLES
A selection of large submarine pipelines are shown thus: ——— and cable lines thus: ———. Additional uncharted submarine oil and gas pipelines and submarine cables may exist within this area of use. Mariners should use caution when anchoring, dragging or trawling.
Charted data may be masked by overlays of cultural detail.

SABINE PASS – SABINE – NECHES CHAN. CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS – REPORT OF SEP 1990

CONTROLLING DEPTHS FROM SOUNDING IN FEET AT MEAN LOWER LOW WATER (MLLW)							
NAME OF CHANNEL	LAST PREVIOUS SURVEY	LEAST DEPTH CONTROL	MOST FREQUENT DEPTH CONTROL	MOST OFTEN DEPTH CONTROL	DATE OF SURVEY	HEIGHT SOUNDINGS	
						WIDTH (FEET)	LEAST DEPTH MLLW (FEET)
SABINE PASS							
JEFF DAVIS CHANNEL	38	40	42	38	9-90	800	38 42
PORT ARTHUR CANAL	40	40	42	40	9-90	400-500	38 42
TAFT CHANNEL	38	38	42	38	9-90	400-500	38 42
HARBORAGE BASIN	38	38	42	38	9-90	600-1000	38 42
PORT ARTHUR CANAL	38	38	42	38	9-90	1000	38 42
JUNCTION POINT JEFFERSON	38	38	42	38	9-90	600	38 42
SABINE NECHES CANALS							
EAST TURNING BASIN	38	38	42	38	9-90	600-1000	38 42
WEST TURNING BASIN	38	38	42	38	9-90	600	38 42
CHANNEL CONNECTING	38	38	42	38	9-90	600	38 42
NEW Sabine road							
TAYLOR BAYOU BASIN							
TAYLOR BAYOU BEND	38	38	42	38	9-90	300-400	38 42
PORT ARTHUR BEND	38	38	42	38	9-90	400	38 42
PORT ARTHUR TO NECHES RIVER	38	38	42	38	9-90	400	38 42
NECHES RIVER TO SOUND ENDS	38	38	42	38	9-90	400	38 42

NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGE SUBSEQUENT TO THE ABOVE INFORMATION

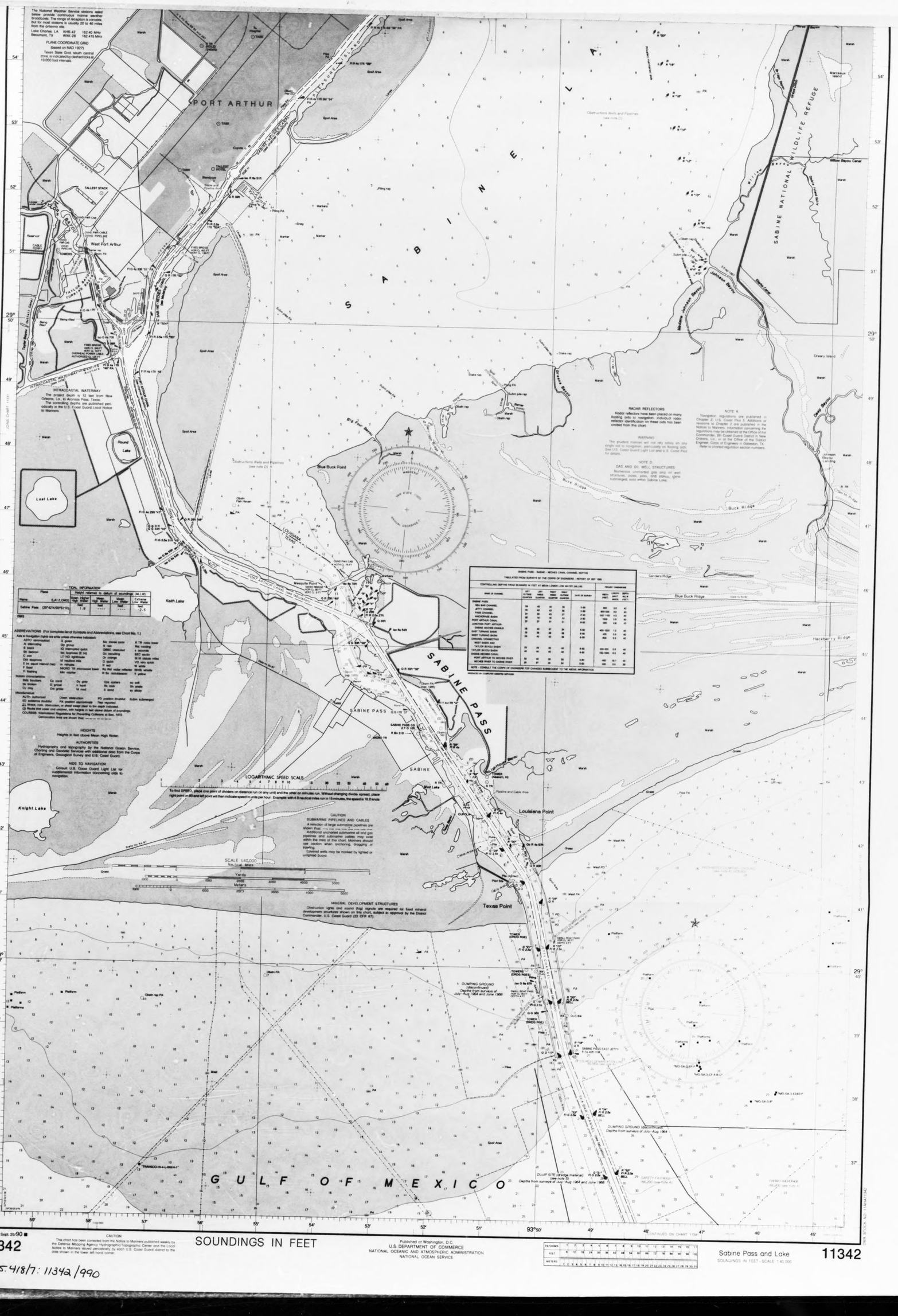
PREPARED BY HARDIN MAPPING HOUSTON

PROHIBITED DUMPING GROUND
(see note A, 33CFR)

SCALE 1:40,000
Nautical Miles

JONS CHART 11331

JONS CHART 11341



43rd Ed. Sept. 29/90 ■

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CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

SOUNDINGS IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

Sabine Pass and Lake
SOUNDINGS IN FEET - SCALE 1:40,000

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C55:418/7: 11342/990